

**SUPPLEMENTAL MATERIAL**

**Supplemental Table 1.** Cardiometabolic markers as a function of sedentary time modeled continuously, by levels of stratification variables\*

Stratification variable	Systolic blood pressure, mmHg (n=11,607)	Diastolic blood pressure, mmHg (n=11,601)	LDL-cholesterol, mg/dl (n=11,364)	HDL-cholesterol, mg/dl (n=11,586)	Triglycerides, mg/dl† (n=11,588)	Fasting glucose, mg/dl (n=11,566)	2-h glucose, mg/dl (n=9,517)	HOMA-IR† (n=11,536)	hs-CRP mg/L† (n=11,584)
	Beta (95% CI)								
<b>Overall</b>	-0.02 (-0.31, 0.27)	0.28 (0.07, 0.48)	0.24 (-0.46, 0.95)	-0.30 (-0.55, -0.05)	0.02 (0.01, 0.03)	0.67 (0.13, 1.21)	1.77 (1.04, 2.50)	0.03 (0.02, 0.05)	0.01 (-0.01, 0.03)
<b>Sex</b>									
Female	0.04 (-0.39, 0.46)	0.28 (0.01, 0.56)	-0.33 (-1.24, 0.58)	-0.35 (-0.71, 0.01)	0.01 (-0.01, 0.02)	0.14 (-0.65, 0.93)	1.96 (0.96, 2.96)	0.02 (0.00, 0.03)	-0.01 (-0.04, 0.02)
Male	0.01 (-0.34, 0.37)	0.31 (0.05, 0.58)	0.86 (-0.14, 1.86)	-0.32 (-0.64, 0.00)	0.03 (0.01, 0.05)	0.59 (-0.02, 1.21)	1.68 (0.62, 2.73)	0.04 (0.02, 0.06)	0.02 (-0.01, 0.04)
<i>P</i> -interaction	0.166	0.932	0.450	0.558	0.900	0.130	0.399	0.202	0.206
<b>Age</b>									
< 45	0.28 (-0.09, 0.65)	0.52 (0.24, 0.81)	0.12 (-0.83, 1.08)	-0.26 (-0.58, 0.06)	0.02 (0.01, 0.04)	0.69 (0.20, 1.18)	1.75 (0.88, 2.63)	0.04 (0.02, 0.06)	-0.01 (-0.04, 0.02)
45+	-0.48 (-0.90, -0.07)	-0.03 (-0.29, 0.22)	0.69 (-0.39, 1.77)	-0.36 (-0.75, 0.03)	0.02 (0.00, 0.03)	-0.06 (-1.06, 0.94)	1.62 (0.30, 2.95)	0.02 (0.00, 0.04)	0.04 (0.02, 0.06)
<i>P</i> -interaction	0.048	0.013	0.145	0.948	0.896	0.177	0.483	0.582	0.146
<b>BMI category</b>									
18.5 ≤ BMI < 25	-0.09 (-0.60, 0.42)	0.50 (0.14, 0.86)	0.72 (-0.71, 2.16)	-0.81 (-1.36, -0.25)	0.03 (0.01, 0.05)	0.32 (-0.31, 0.95)	2.11 (0.77, 3.46)	0.04 (0.02, 0.07)	-0.06 (-0.11, -0.01)
25 ≤ BMI < 30	0.18 (-0.21, 0.57)	0.35 (0.07, 0.64)	0.49 (-0.52, 1.50)	-0.29 (-0.67, 0.08)	0.02 (0.00, 0.04)	0.04 (-0.83, 0.91)	1.86 (0.66, 3.05)	0.03 (0.01, 0.05)	0.04 (0.01, 0.06)
BMI ≥ 30	-0.06 (-0.52, 0.40)	0.19 (-0.14, 0.52)	0.42 (-0.79, 1.63)	-0.35 (-0.74, 0.04)	0.03 (0.01, 0.05)	0.82 (0.04, 1.61)	1.74 (0.53, 2.95)	0.05 (0.03, 0.07)	0.03 (0.00, 0.06)
<i>P</i> -interaction	0.728	0.546	0.137	0.046	0.674	0.282	0.407	0.510	0.003
<b>Field center</b>									
Bronx	-0.14 (-0.74, 0.46)	0.07 (-0.31, 0.44)	-0.56 (-1.97, 0.84)	-0.81 (-1.31, -0.31)	0.03 (0.00, 0.06)	0.66 (-0.15, 1.46)	1.25 (-0.28, 2.78)	0.05 (0.03, 0.08)	0.03 (-0.01, 0.06)
Chicago	0.26 (-0.19, 0.71)	0.29 (-0.04, 0.63)	-0.04 (-1.40, 1.32)	0.29 (-0.07, 0.66)	0.02 (0.00, 0.03)	1.32 (0.34, 2.31)	0.63 (-0.63, 1.90)	0.03 (0.01, 0.05)	0.01 (-0.02, 0.04)
Miami	-0.57 (-1.24, 0.11)	0.17 (-0.23, 0.56)	0.60 (-0.54, 1.75)	-0.56 (-0.97, -0.15)	0.03 (0.01, 0.04)	0.47 (-0.15, 1.10)	2.96 (1.65, 4.27)	0.05 (0.02, 0.07)	0.01 (-0.02, 0.04)
San Diego	0.36 (-0.10, 0.83)	0.56 (0.11, 1.02)	0.64 (-0.93, 2.21)	0.08 (-0.44, 0.61)	0.01 (-0.02, 0.03)	-0.21 (-1.34, 0.92)	1.80 (0.50, 3.09)	0.01 (-0.02, 0.04)	-0.03 (-0.08, 0.02)
<i>P</i> -interaction	0.419	0.484	0.251	0.069	0.343	0.694	0.016	0.318	0.251
<b>Hispanic/Latino background</b>									
Dominican	-0.53 (-1.43, 0.37)	-0.13 (-0.64, 0.38)	-0.72 (-2.65, 1.20)	-0.63 (-1.51, 0.26)	0.02 (-0.02, 0.06)	-0.57 (-2.02, 0.88)	-0.61 (-2.70, 1.49)	0.01 (-0.02, 0.05)	0.00 (-0.06, 0.06)
Central American	-0.02 (-0.78, 0.75)	0.45 (-0.09, 0.98)	1.12 (-0.67, 2.91)	-0.59 (-1.17, -0.01)	0.03 (0.01, 0.05)	0.71 (-0.54, 1.96)	4.22 (2.27, 6.17)	0.05 (0.02, 0.08)	0.02 (-0.03, 0.06)
Cuban	-0.69 (-1.61, 0.24)	0.18 (-0.41, 0.77)	0.89 (-0.51, 2.29)	-0.27 (-0.83, 0.28)	0.01 (-0.01, 0.03)	0.07 (-0.78, 0.93)	2.46 (0.53, 4.39)	0.04 (0.01, 0.07)	0.01 (-0.04, 0.06)
Mexican	0.44 (0.09, 0.79)	0.52 (0.20, 0.84)	0.83 (-0.34, 2.00)	-0.06 (-0.45, 0.34)	0.02 (0.00, 0.03)	0.79 (-0.13, 1.72)	1.69 (0.70, 2.69)	0.03 (0.00, 0.05)	-0.01 (-0.05, 0.02)
Puerto Rican	-0.19 (-0.87, 0.49)	-0.01 (-0.44, 0.43)	-1.27 (-3.23, 0.69)	-0.66 (-1.28, -0.04)	0.03 (-0.01, 0.06)	0.54 (-0.32, 1.39)	1.08 (-0.83, 2.98)	0.07 (0.03, 0.10)	0.05 (0.00, 0.10)
South American	-0.15 (-0.90, 0.60)	0.10 (-0.48, 0.68)	-1.18 (-3.28, 0.93)	-0.44 (-1.13, 0.25)	0.02 (-0.01, 0.05)	0.08 (-0.81, 0.98)	-0.17 (-2.01, 1.67)	0.01 (-0.04, 0.05)	-0.05 (-0.12, 0.02)
<i>P</i> -interaction	0.616	0.657	0.103	0.507	0.251	0.405	0.001	0.070	0.900

\*Regression coefficients represent the average change in cardiometabolic marker for every 1 hour/day increased time spent sedentary, while controlling for moderate-vigorous physical activity (continuous), age, sex, household income, education, employment status, Hispanic/Latino background, field center, smoking, alcohol consumption, health insurance status, healthcare utilization, self-reported physical health (continuous), diet quality (continuous), BMI (continuous), waist-hip ratio (continuous), and medication use specific to each marker

†For natural logarithm-transformed variables triglycerides, fasting insulin, HOMA-IR, and CRP, coefficients estimate percent change in marker corresponding to 1 hour/day increase in sedentary time